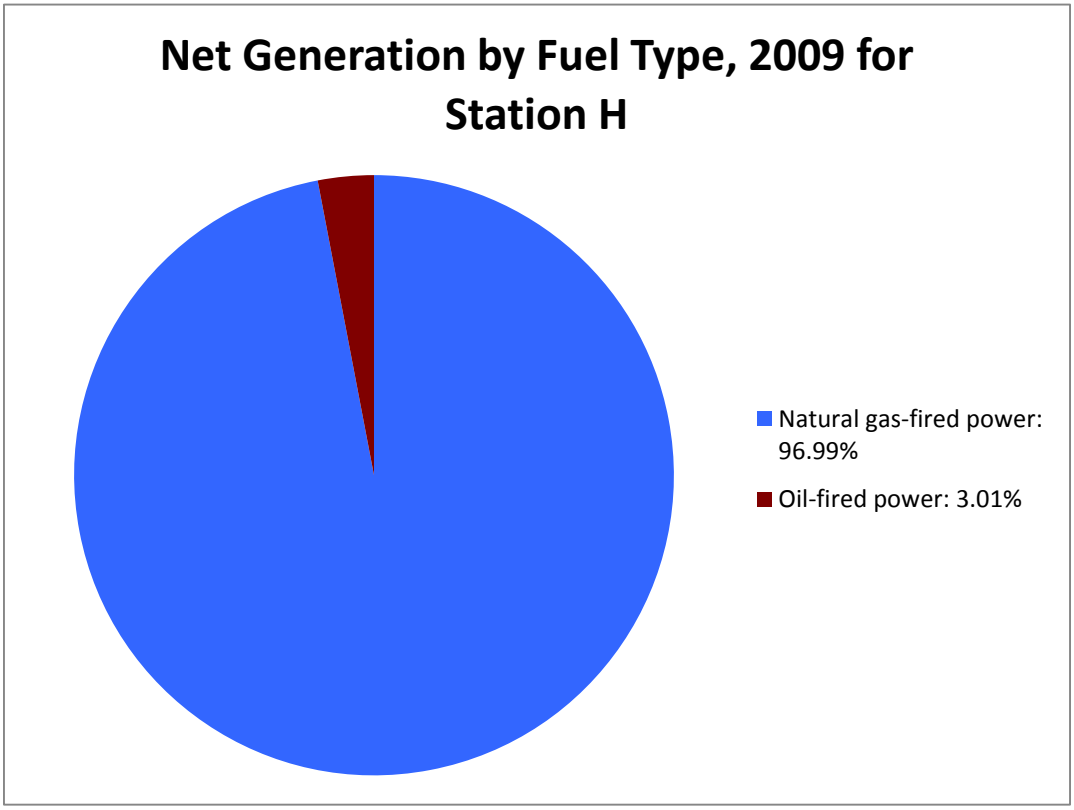
Missouri Department of Natural Resources

Power Plant: Station H
Plant Owner: Independence Power and Light
Power generated in 2009 from non-renewable and renewable sources

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated in 2009 (MWh)	Percent of Total	
Non-renewable sources						
Coal-fired power						
Natural gas-fired power	26,364	96.99%		1,269	96.99%	
Oil-fired power	818	3.01%		39	3.01%	
Nuclear power						
Other non-renewable power						
Non-renewable total	**27,182**	**100.00%**	**100.00%**	**1,308**	**100.00%**	**100.00%**
Renewable sources						
Hydroelectric Power						
Wind						
Waste and biomass						
Solar						
Geothermal						
Landfill Gas						
Renewable total	**0**	**0.00%**	**0.00%**	**0**	**0.00%**	**0.00%**
Grand total all sources	**27,182**		**100.00%**	**1,308**		**100.00%**

Fuel Type	Physical Units	Number of Units
Natural Gas	Mcf	26,180
Distillate Fuel Oil	Barrels	141


Net Generation by Fuel Type, 2009 for Station H
Natural gas-fired power: 96.99%
Oil-fired power: 3.01%

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Station H
Emissions from Electricity Generated in 2009

Plant	Carbon Dioxide(CO2) (Tons)	Carbon Monoxide(CO) (Tons)	Ammonia (NH3) (Tons)	Nitrogen Oxides (NOx) (Tons)	Sulfur Dioxides (SO2) (Tons)
Station H	1,543.95	0.33	NV	2.56	1.86

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM10) (Tons)	Fine Particulate Matter (PM2.5) (Tons)	Mercury (Hg) (LBS)
Station H	0.04	0.24	0.24	NV

'NV' = Emissions value not available.

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Pollution controls installed on Station H

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Station H	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
Station H	No NOX Controls Installed			

Data Sources

• Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS) http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm

• CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

• Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy http://www.eia.gov/cneaf/electricity/page/eia906_920.html